

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("audiovisualwithauthoring").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L2	26	audiovisual with authoring	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L3	19	(386/11).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L4	1	("6301428").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L5	0	videol with authoring	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L6	683	video with authoring	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L7	14	L2 & L6	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L8	1	authoring with ((audiovisual video) near4 smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L9	12	authoring with ((audiovisual video) with smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L10	0	authoring & (mepg\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L11	0	authoring & (MEPG\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L12	0	authoring & (MEPG\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L13	0	authoring & (MEPG-\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L14	0	authoring & (MEPG\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L15	3	authoring & ("Moving Pictures Expert Group" with smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L16	0	"Moving Pictures Expert Group" near4 smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L17	7883	"Moving Pictures Expert Group"	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L18	1	L17 & L9	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L19	0	L17 & (MEPG\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L20	34	L17 & smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L21	8	audiovisual with xml	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L22	2	L21 & meta	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48

L23	352	L17 & xml	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L24	101	L23 & meta	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L25	5	L24 & smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L26	0	xm with smil	US-PGPUB; USPAT	OR	ON	2005/08/18 13:39
L27	0	xm & smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L28	580	smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L29	34	L28 & "Moving Pictures Expert Group"	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L30	580	smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L31	461	L28 & video	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L32	5	L28 & (video near4 authoring)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L33	366	video near4 authoring	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L34	0	L33 & (meta near4 smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L35	0	L33 & (meta with smil)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L36	0	L33 & (time near4 synchroniz\$)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L38	94	L33 & (time near4 synchroniz\$)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L39	2	L38 & smil	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L40	94	L33 & (time near4 synchroniz\$)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L41	363	L33 & (frame near4 synchroniz\$ naer4 time)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L42	14	L33 & (frame near4 synchroniz\$ near4 time)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L43	1	("4746994").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L44	0	("Tabatabai").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L45	439	Tabatabai	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L46	20	L45 & audiovisual	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48

L47	1	("6360234").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L48	1	"6034942".PN.	USPAT; USOCR	OR	ON	2005/08/18 10:48
L49	50	("5045940"   "5136655"   "5307456"   "5467288"   "5481296"   "5485553"   "5508940"   "5521841"   "5561457"   "5566290"   "5574845"   "5606655"   "5613032"   "5649060"   "5664218"   "5664227"   "5680639"   "5701153"   "5706290"   "5740388"   "5745637"   "5751280"   "5777612"   "5794249"   "5809512"   "5813014"   "5818512"   "5822024"   "5835667"   "5852435"   "5872565"   "5890175"   "5898441"   "5903261"   "5903892"   "5920856"   "5926205"   "5930446"   "5946445"   "5953005"   "5963702"   "5969716"   "5982979"   "5987454"   "5990955"   "6006241"   "6009507"   "6014183"   "6034942"   "6094671").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 10:48
L50	18	L49 & (audio near4 synchroniz\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 10:55
L51	1	("5999173").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L52	1	("4,538,188,")PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L53	1	("4837613").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 10:48
L54	5	("4837613" "5185818" "5634064" "5729637" "5737599").pn.	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L55	13	(US-20030031260-\$).did. or (US-5982447-\$ or US-6301428-\$ or US-6360234-\$ or US-6463444-\$ or US-6493872-\$ or US-6496981-\$ or US-6546555-\$ or US-6567980-\$ or US-4746994-\$ or US-6034942-\$ or US-5969716-\$ or US-5999173-\$).did.	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L56	3	L55 & ((scor\$ rank\$ weight\$ threshold degree scalar) near4 (segment\$ clip\$ fram\$))	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48

L57	8	L55 & ((server near4 client) network internet)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:48
L58	2033	(xml sgml html markup) & (stream\$3 near3 media)	US-PGPUB; USPAT	OR	ON	2005/08/18 10:54
L59	1080	(xml ) & (stream\$3 near3 media)	US-PGPUB; USPAT	OR	ON	2005/08/18 11:55
L60	834	(xml ) & (stream\$3 near3 (video same audio))	US-PGPUB; USPAT	OR	ON	2005/08/18 10:55
L61	96	60 & (audio near4 synchroniz\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 10:55
L62	60	60 & ((video same audio) near4 synchroniz\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:08
L63	16	62 & (stream\$3 near3 server)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:02
L64	36	62 & (media near3 content)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:03
L65	16	64 & (convert\$3 same format)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:03
L66	9	64 & (convert\$3 same (media near4 (format type)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:08
L67	112	59 & (convert\$3 same (media near4 (format type)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:19
L68	23	67 & ((video same audio) near4 synchroniz\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/18 11:09
L69	1	"20010032312".PN.	US-PGPUB	OR	ON	2005/08/18 11:16
L70	1	"6282654".PN.	USPAT; USOCR	OR	ON	2005/08/18 11:17
L71	309	"Adobe Systems Incorporated".as.	US-PGPUB; USPAT	OR	ON	2005/08/18 11:55
L72	0	60 & 71	US-PGPUB; USPAT	OR	ON	2005/08/18 11:55
L73	1	71 & (stream\$3 near3 media)	US-PGPUB; USPAT	OR	ON	2005/08/18 12:00
L74	14	71 & (stream\$3 same (media near3 content))	US-PGPUB; USPAT	OR	ON	2005/08/18 11:58
L75	3	71 & (stream\$3 same video)	US-PGPUB; USPAT	OR	ON	2005/08/18 11:58
L76	11	71 & (client near4 server)	US-PGPUB; USPAT	OR	ON	2005/08/18 12:00

L77	5	76 & video	US-PGPUB; USPAT	OR	ON	2005/08/18 12:00
L78	1	("6317710").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 13:07
L79	24	(US-20030031260-\$ or US-20030196164-\$ or US-20020023165-\$ or US-20020040404-\$).did. or (US-4746994-\$ or US-5969716-\$ or US-5982447-\$ or US-5999173-\$ or US-6034942-\$ or US-6301428-\$ or US-6360234-\$ or US-6463444-\$ or US-6493872-\$ or US-6496981-\$ or US-6546555-\$ or US-6567980-\$ or US-6611607-\$ or US-6505160-\$ or US-6647389-\$ or US-6769127-\$ or US-6873877-\$ or US-6597375-\$ or US-6151576-\$ or US-6317710-\$).did.	US-PGPUB; USPAT	OR	ON	2005/08/18 13:09
L80	0	("(multimediane4streaming)&(en codersamenetworksamedecoder)") .PN.	US-PGPUB; USPAT	OR	OFF	2005/08/18 13:21
L81	84	(multimedia near4 streaming) & (encoder same network same decoder)	US-PGPUB; USPAT	OR	ON	2005/08/18 13:38
L82	59	81 & MPEG	US-PGPUB; USPAT	OR	ON	2005/08/18 13:22
L83	8	81 & (MPEG near3 audio)	US-PGPUB; USPAT	OR	ON	2005/08/18 13:24
L84	24	81 & (time near3 (line track))	US-PGPUB; USPAT	OR	ON	2005/08/18 13:38
L85	25	(US-20030031260-\$ or US-20030196164-\$ or US-20020023165-\$ or US-20020040404-\$).did. or (US-4746994-\$ or US-5969716-\$ or US-5982447-\$ or US-5999173-\$ or US-6034942-\$ or US-6301428-\$ or US-6360234-\$ or US-6463444-\$ or US-6493872-\$ or US-6496981-\$ or US-6546555-\$ or US-6567980-\$ or US-6611607-\$ or US-6505160-\$ or US-6647389-\$ or US-6769127-\$ or US-6873877-\$ or US-6597375-\$ or US-6151576-\$ or US-6317710-\$ or US-6629318-\$).did.	US-PGPUB; USPAT	OR	ON	2005/08/18 13:29
L86	4	85 & converter	US-PGPUB; USPAT	OR	ON	2005/08/18 13:32
L87	1	86 & url	US-PGPUB; USPAT	OR	ON	2005/08/18 13:36

L88	666	(time near3 base) & (video near3 editing)	US-PGPUB; USPAT	OR	ON	2005/08/18 13:37
L89	0	81 & 88	US-PGPUB; USPAT	OR	ON	2005/08/18 13:37
L90	249	88 & (time near3 (line track))	US-PGPUB; USPAT	OR	ON	2005/08/18 13:38
L91	2	(multimedia near4 streaming) & L90	US-PGPUB; USPAT	OR	ON	2005/08/18 13:39
L92	7	90 & smil	US-PGPUB; USPAT	OR	ON	2005/08/18 13:43
L93	27	InterActual	US-PGPUB; USPAT	OR	ON	2005/08/18 13:43
L94	26	(US-20030031260-\$ or US-20030196164-\$ or US-20020023165-\$ or US-20020040404-\$ or US-20050166232-\$).did. or (US-4746994-\$ or US-5969716-\$ or US-5982447-\$ or US-5999173-\$ or US-6034942-\$ or US-6301428-\$ or US-6360234-\$ or US-6463444-\$ or US-6493872-\$ or US-6496981-\$ or US-6546555-\$ or US-6567980-\$ or US-6611607-\$ or US-6505160-\$ or US-6647389-\$ or US-6769127-\$ or US-6873877-\$ or US-6597375-\$ or US-6151576-\$ or US-6317710-\$ or US-6629318-\$).did.	US-PGPUB; USPAT	OR	ON	2005/08/18 14:56
L95	1	94 & (automatic\$4 near4 sync\$7)	US-PGPUB; USPAT	OR	ON	2005/08/18 14:58
L96	8	94 & (automatic\$4 same type\$1)	US-PGPUB; USPAT	OR	ON	2005/08/18 14:58
S1	0	("audiovisualwithauthoring").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 10:48
S2	17	audiovisual with authoring	US-PGPUB; USPAT	OR	ON	2005/02/16 11:17
S3	19	(386/11).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/16 10:55
S4	1	("6301428").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 10:55
S5	0	videol with authoring	US-PGPUB; USPAT	OR	ON	2005/02/16 10:57
S6	618	video with authoring	US-PGPUB; USPAT	OR	ON	2005/02/16 10:57
S7	8	S2 & S6	US-PGPUB; USPAT	OR	ON	2005/02/16 10:57
S8	1	authoring with ((audiovisual video) near4 smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:17

S9	7	authoring with ((audiovisual video) with smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:04
S10	0	authoring & (mepg\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:05
S11	0	authoring & (MEPG\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:05
S12	0	authoring & (MEPG\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:06
S13	0	authoring & (MEPG-\$ near smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:05
S14	0	authoring & (MEPG\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:09
S15	3	authoring & ("Moving Pictures Expert Group" with smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:22
S16	0	"Moving Pictures Expert Group" near4 smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:08
S17	6906	"Moving Pictures Expert Group"	US-PGPUB; USPAT	OR	ON	2005/02/16 11:08
S18	1	S17 & S9	US-PGPUB; USPAT	OR	ON	2005/02/16 11:09
S19	0	S17 & (MEPG\$ near4 smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:10
S20	31	S17 & smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:10
S21	8	audiovisual with xml	US-PGPUB; USPAT	OR	ON	2005/02/16 11:17
S22	2	S21 & meta	US-PGPUB; USPAT	OR	ON	2005/02/16 11:20
S23	282	S17 & xml	US-PGPUB; USPAT	OR	ON	2005/02/16 11:20
S24	81	S23 & meta	US-PGPUB; USPAT	OR	ON	2005/02/16 11:20
S25	5	S24 & smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:21
S26	0	xm with smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:21
S27	0	xm & smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:22
S28	489	smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:24
S29	31	S28 & "Moving Pictures Expert Group"	US-PGPUB; USPAT	OR	ON	2005/02/16 11:22
S30	393	S28 & video	US-PGPUB; USPAT	OR	ON	2005/02/16 11:24
S31	5	S28 & (video near4 authoring)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:27

S32	334	video near4 authoring	US-PGPUB; USPAT	OR	ON	2005/02/16 11:28
S33	0	S32 & (meta near4 smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:28
S34	0	S32 & (meta with smil)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:29
S35	0	S32 & (time near4 synchroniz\$)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:29
S36	88	S32 & (time near4 synchroniz\$)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:35
S37	2	S36 & smil	US-PGPUB; USPAT	OR	ON	2005/02/16 11:30
S38	331	S32 & (frame near4 synchroniz\$ naer4 time)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:35
S39	13	S32 & (frame near4 synchroniz\$ near4 time)	US-PGPUB; USPAT	OR	ON	2005/02/16 11:35
S40	1	("4746994").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 15:09
S41	0	("Tabatabai").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 15:13
S42	377	Tabatabai	US-PGPUB; USPAT	OR	ON	2005/02/16 15:13
S43	19	S42 & audiovisual	US-PGPUB; USPAT	OR	ON	2005/02/16 15:14
S44	1	("6360234").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 15:17
S45	1	"6034942".PN.	USPAT; USOCR	OR	ON	2005/02/16 15:17



S46	50	("5045940"   "5136655"   "5307456"   "5467288"   "5481296"   "5485553"   "5508940"   "5521841"   "5561457"   "5566290"   "5574845"   "5606655"   "5613032"   "5649060"   "5664218"   "5664227"   "5680639"   "5701153"   "5706290"   "5740388"   "5745637"   "5751280"   "5777612"   "5794249"   "5809512"   "5813014"   "5818512"   "5822024"   "5835667"   "5852435"   "5872565"   "5890175"   "5898441"   "5903261"   "5903892"   "5920856"   "5926205"   "5930446"   "5946445"   "5953005"   "5963702"   "5969716"   "5982979"   "5987454"   "5990955"   "6006241"   "6009507"   "6014183"   "6034942"   "6094671").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/16 15:19
S47	18	S46 & (audio near4 synchroniz\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/16 15:21
S48	1	("5999173").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 15:48
S49	1	("4,538,188,").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 16:20
S50	1	("4837613").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/16 16:39
S51	5	("4837613" "5185818" "5634064" "5729637" "5737599").pn.	US-PGPUB; USPAT	OR	ON	2005/02/16 16:40
S52	13	(US-20030031260-\$).did. or (US-5982447-\$ or US-6301428-\$ or US-6360234-\$ or US-6463444-\$ or US-6493872-\$ or US-6496981-\$ or US-6546555-\$ or US-6567980-\$ or US-4746994-\$ or US-6034942-\$ or US-5969716-\$ or US-5999173-\$).did.	US-PGPUB; USPAT	OR	ON	2005/02/17 13:55
S53	3	S52 & ((scor\$ rank\$ weight\$ threshold degree scalar) near4 (segment\$ clip\$ fram\$))	US-PGPUB; USPAT	OR	ON	2005/02/17 16:14
S54	8	S52 & ((server near4 client) network internet)	US-PGPUB; USPAT	OR	ON	2005/02/17 16:15



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(video<and&...
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(video<and&...
- [#4](#) (((multimedia<and>streaming)<in>metadata))<AND>  
(video<and&...
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(video<and&...
- [#6](#) ((multimedia<and>streaming)<in>metadata)

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Real-time software based MPEG-4 video encoder**  
Weiguo Zheng; Ahmad, I.; Liou, M.L.;  
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18-20 June 2001 Page(s):71 - 74  
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2. **A single-chip MPEG2 422@ML video, audio, and system encoder with a 162-MHz media-processor and dual motion estimation cores**  
Kumaki, S.; Matsumura, T.; Ishihara, K.; Segawa, H.; Kawamoto, K.; Ohira, H.; Shimada, T.; Sato, H.; Hattori, T.;  
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3. **Multiplexing of variable rate encoded streams**  
Haskell, B.G.; Reibman, A.R.;  
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4. **Adaptive shape-texture intra coding refreshment for error resilient object-based video**  
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